



# AR 3/8-500

Client : Quality Control Argex  
0032/32.50.15.15

lab	Quality Control Argex 0032/32.50.15.15
Aggregate Size	3/8 mm
Certifications	EN 13055 : . (1/01/2004)

Essential char. - performance	Minimum	Average	Maximum	Declared	Standard
Particle Shape		Round			EN 13055
Crushing Resistance (T-2x30")	2.04	3.77 N/mm <sup>2</sup>	5.96		EN 13055
Loose Bulk Density (+- 15% of declared value)	425	536 kg/m <sup>3</sup>	575	500	EN 1097-3
Oven-Dried Particle Density (+- 15% of declared value)	740	979 kg/m <sup>3</sup>	1001	875	EN 1097-6 annex C
Freezing & Thawing Resistance		2.3 %	3.3		EN 1367-7
Los Angeles + Micro Deval (4-6.3)		NPD			EN 1097-1 & 2
Los-Angeles (4-6.3)		NPD			EN 1097-2
Polished Stone Value		NPD			EN 1097-8
Volume Stability		0.22 %	0.50		EN 1367-8
Water Content ( from silo )	0.0	2.7 %	20.0		EN 1097-5
Water Absorption 5'	7.51	12.55 %	16.31		EN 1097-6 annex C
Water Absorption 1h	10.64	15.70 %	18.85		EN 1097-6 annex C
Water Absorption 24h	16.48	23.98 %	29.03		EN 1097-6 annex C
Alkali Silica Reactivity		NPD			EN 13055
Chloride		0.005 %	0.010		EN 1744-1
Cleanliness		Pass			EN 1744-1
Release Of Dangerous Substances		NPD			EN 13055
Reaction To Fire		Euroclass A1			EN 13501-1
Total Sulphur		0.21 %	0.55		EN 1744-1
Acid-Soluble Sulfate		0.048 %	0.500		EN 1744-1

Grading ( EN 933-1 )				
sieve (mm)	mini	% passing	maxi	Declared
0.000		0.0		
0.063		0.5		
2.000		1.5		
3.000	0.0	7.1	15.0	
4.000		15		
6.300		58		
8.000	90	95	100	
10.000		100		

